

# Carminativo NF Brouwer MAX

For the prevention and treatment of frothy bloat in cattle.

## Formula

Each 100 mL contain:  
 Macrogol lauryl ether ..... 32.0 g  
 Excipients q.s. .... 100.0 mL

## Indications

Carminativo MAX is indicated for the treatment and control of frothy bloat in cattle, caused by the ingestion of legume based pastures. Provides protection for 24 hours. Flavored to facilitate ingestion.

## Dosage and Administration

Bloat control:  
 Individual treatment.  
 Should be administered daily by the oral route using a dosing gun, 2.5 mL every 100 kg of bodyweight.

Treatment in drinking water.

Add to the drinking water daily with a dosifier the required amount of Carminativo MAX to the water in the water-trough, so that each animal consumes a dose of 2.5 mL per 100 kg of bodyweight.

The following table shows water consumption in liters per day, according to the category animal, weight and temperature (NRC-1996).

TABLE 1- Water consumption in beef cattle (L/day)

Weight Kg	TEMPERATURE					
	4.4 °C	10 °C	14.4 °C	21.1 °C	26.6 °C	32.2 °C
<b>Heifers - Steers - Young growing bulls</b>						
182	15.1	16.3	18.9	22	25.4	36
273	20.1	22	25	29.5	33.7	48.1
364	23	25.7	29.9	34.8	40.1	56.8
<b>Finishing Cattle</b>						
273	22.7	24.6	28	32.9	37.9	54.1
364	27.6	29.9	34.4	40.5	46.6	65.9
454	32.9	35.6	40.9	47.7	54.9	78
<b>Pregnant cows during winter</b>						
409	25.4	27.3	31.4	36.7		
500	22.7	24.6	28	32.9		
<b>Lactating cows</b>						
409	43.1	47.7	54.9	61.3	64	67.8
<b>Adult bulls</b>						
636	30.3	32.6	37.5	44.3	50.7	71.9
727	32.9	35.6	40.9	47.7	54.9	78

Treatment of pastures:

Spray. Accurately estimate the surface of a legume-based pasture that will be grazed by a certain number of animals in 24 hours.

The dose is 2.5 mL every 100 kilos of bodyweight and the surface is expressed in hectares.

The following calculation should be made:

$$\text{Liters of Carminativo MAX/ha} = \frac{\text{Dose in mL/animal} \times \# \text{ of animals}}{\text{Area to be used} \times 1000}$$

Mix the Carminativo MAX in 100 to 250 liters of water. Use a device equipped with a pressure spray which pressure ensures small droplet size and uniform spray so as to permeate the area to be treated. This work should be carried out 24 hours before turning the animals out on the pasture.

This spray treatment is not modified by environmental conditions or sunlight, but if it rains within 24 hours post-application, it is necessary to spray again. For animals receiving feed, add Carminativo MAX to the feed at the rate of 2.5 mL every 100 kg of bodyweight. Homogenize the mixture prior to administration.

### **Curative treatment**

In animals with frothy bloat and risk of death, this product should be administered orally at a rate of 4 to 5 times the preventive dose (10 to 12.5 mL every 100 kg). It is also advisable to use a trocar to puncture the left lower iliac fossa and administer the product directly into the rumen at a dose of 10 to 12.5 mL every 100 kilos of bodyweight.

### **Important**

- It is advisable to begin treating the animals 2 to 3 days before putting them out on a bloating pasture.
- When there is a high incidence of bloat, appropriate management measures are necessary as well as medication.
- To further reduce risk, it is advisable to divide the daily dose. For example, applying half of it on the pasture and half in the drinking water.
- It should be sprayed beyond the edges of the field and under the fences to prevent animals consuming untreated forage.

### **Package**

Bucket containing 20 liters.